

MAY 2 8 2002

TECH CENTER 1600/2900



1638

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/724,857

DATE: 05/16/2002 P6

TIME: 12:59:35

Input Set : A:\Uco-1147.app

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             Apuya, Nestor R.
             Tatarinova, Tatiana
             Goldberg, Robert B.
             The Regents of the University of California
      9 <120> TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
     11 <130> FILE REFERENCE: 023070-114700US
    13 <140> CURRENT APPLICATION NUMBER: US 09/724,857
C--> 14 <141> CURRENT FILING DATE: 2002-05-06
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DATE: 05/16/2002 TIME: 12:59:35

PATENT APPLICATION: US/09/724,857

Input Set : A:\Uco-1147.app

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DATE: 05/16/2002

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PATENT APPLICATION: US/09/724,857 Input Set : A:\Uco-1147.app Output Set: N:\CRF3\05162002\I724857.raw 104 acattttgta ttagtgatga gttttttatc atatatattt agaatatagg aaaattttag 4140 105 aatcacgigg atagciatat aatagtaata tittaattia taatgtagii gattitatti 4200 106 gtcaactggt atacataaat atgtgttgat agtgggtgac ttgtggctta aagaaatgtc 4260 107 cagaggetga caacaactet geacagaeta gegtaaac 110 <210> SEQ ID NO: 2 111 <211> LENGTH: 4921 112 <212> TYPE: DNA 113 <213> ORGANISM: Phaseolus coccineus 115 <220> FEATURE: 116 <223> OTHER INFORMATION: Scarlet Runner Bean G654 genomic region 118 <220> FEATURE: 119 <221> NAME/KEY: exon 120 <222> LOCATION: (4299)..(4346) 122 <220> FEATURE: 123 <221> NAME/KEY: intron 124 <222> LOCATION: (4347)..(4509) 126 <220> FEATURE: 127 <221> NAME/KEY: exon 128 <222> LOCATION: (4510)..(4734) 130 <220> FEATURE: 131 <221> NAME/KEY: modified_base 132 <222> LOCATION: (1)..(4921) 133 <223> OTHER INFORMATION: n = g, a, c or t 135 <400> SEQUENCE: 2 136 gcatgcactg ccacaagtag tgaactcatg gttttacctc ctcaagtaga aaaccttttg 60 138 agtgaatttg aagatttatt eteceaagaa ggacecattg ggetteetee tettaggggg 120 180 140 atagaacatc aaattgactt tataccgggg gcaagcctac caaataggcc tccttataga 240 142 accaaccccg aggaaacaaa ggagatagaa tcacaagttc aagacttgtt ggagaagggt 144 tgggttcaaa agagcctaag cccttgtgct gtacctgtct tgttggtgcc aaaaaaagat 300 146 ggaaaatggc gtatgtgttg tgattgtaga gcaatcaaca acatcaccat caagtatagg 360 148 catccaatcc caaggettga cgatatgett gatgaattge atgggtcaac tetattetee 420 150 aaaattgacc ttaaaagtgg atatcaccaa attcgaatca aggagggtga tgagtggaaa 480 152 acceptttta agaccaaatt tggattatat gagtggttgg tgatgccctt tggtcttact 540 154 aacgctccaa gtacattcat gaggcttatg aatcacacct tgagggattg tataggtaaa 600 156 tatgtagtag tttattttga tgatatctta gtatatagta aaaccctaga agaccatcta 660 158 agtcacctta gggaagttct tctagttctt aggaaaaata gtctttttgc caatagggat 720 160 aagtgtacct tttgtgtaga tagcgtagtc tttttaggct ttatagtaaa ccaaaagggg 780 162 gtgcatgtag atcccgagaa aatcaaagcc atccgcgagt ggccaactcc acaaaatgta 840 900 164 agtgatgtga gaagttttca tgggttagct agcttctata gaaggtttgt tcccaatttt 166 totagectag etteteeett gaatgaactt gtaaaaaaag atgttgeatt ttgttggaat 960 168 gaaaagcatg agcaagcctt tcaaaggcta aaagctcact caccaatgca cccatcctat 1020 1080 170 ctcttccaaa tttttccaaa cttttggaga tagagtgtga tgcatcggga gtaggcatag 172 tgcggttttg ttgcaaggtg gacacccctt gcttatttta gtgaaaaact ccatggtgcc 1140 174 acceteacta ecceacetat gacaaagact etatgetett gtgegaeeet aaagaettgg 1200 W--> 176 ggaacactac cttgngtccc aaagaatttg gntatccata gtgatcacga gtctttaaaa 1260 178 tatttaaagg gccaacacaa gctcaataag agacatgcta aatggatgga atttcttgaa 1320 180 caattteett atgteateaa atacaagaaa gggageacea atatagtgge egatgetett 1380 1440

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RAW SEQUENCE LISTING

1500

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Input Set : A:\Uco-1147.app

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RAW SEQUENCE LISTING DATE: 05/16/2002 PATENT APPLICATION: US/09/724,857 TIME: 12:59:35

Input Set : A:\Uco-1147.app

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RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 05/16/2002

PATENT APPLICATION: US/09/724,857

TIME: 12:59:36

Input Set : A:\Uco-1147.app

Output Set: N:\CRF3\05162002\I724857.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:2; N Pos. 1215,1232,2747
Seq#:6; N Pos. 609,610,611,612,613,4431

Seq#:37; N Pos. 21

VERIFICATION SUMMARY

DATE: 05/16/2002

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Input Set : A:\Uco-1147.app

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